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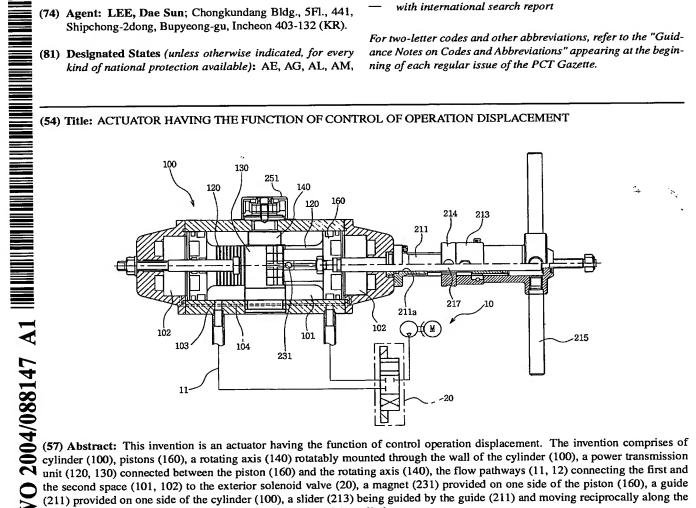
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the second space (101, 102) to the exterior solenoid valve (20), a magnet (231) provided on one side of the piston (160), a guide (211) provided on one side of the cylinder (100), a slider (213) being guided by the guide (211) and moving reciprocally along the piston (160), a magnet sensor (235) adjacent to the wall of the cylinder.